Title: US-10-560-433-2
Perfect score: 20
Sequence: 1 tcaccccaatcatttgtccc 20

Scoring table: OLIGO_NUC
                Gapop 60.0 , Gapext 60.0

Searched: 9073515 seqs, 5397694045 residues

Word size :   15

Total number of hits satisfying chosen parameters: 177

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

RESULT 10
AAH53564/c
ID   AAH53564 standard; DNA; 345 BP.
XX
AC   AAH53564;
XX
DT   03-SEP-2001 (first entry)
XX
DE   S. epidermidis open reading frame nucleotide sequence SEQ ID NO:2521.
XX
KW   Staphylococcus epidermidis SR1 strain; infection; diagnosis; vaccination;
KW   endocarditis; ds.
XX
OS   Staphylococcus epidermidis.
XX
PN   WO200134809-A2.
XX
PD   17-MAY-2001.
XX
PF   09-NOV-2000; 2000WO-US030782.
XX
PR   09-NOV-1999;   99US-0164258P.
XX
PA   (GLAX) GLAXO GROUP LTD.
XX
PI   Kimmerly WJ;
XX
DR   WPI; 2001-316495/33.
DR   P-PSDB; AAG82714.
XX
PT   Nucleic acids encoding polypeptides from Staphylococcus epidermidis,
PT   useful for vaccinating against infections, e.g. endocarditis.
XX
PS   Claim 8; Page 663; 2188pp; English.
XX
CC   AAH52304 to AAH53970 represent nucleic acids (I) encoding polypeptides
CC   (II), given in AAG81454 to AAG83120, from Staphylococcus epidermidis. (I)
CC   and (II) can have antibacterial activity and therefore can be used in
CC   vaccination. The nucleic acids (I) may be used to produce the S.
CC   epidermidis polypeptides (II) via the production of vectors containing
CC   them which are used to produce hosts cells which express the
CC   polypeptides. The polypeptides (II) (and/or nucleic acids) may then be
CC   used to vaccinate subjects and to raise antibodies against the bacteria.
CC   The polypeptides may also be used to assay for other inhibitors of their
CC   activity and therefore identify compounds that may be used for the
CC   treatment of S. epidermidis infections, e.g. endocarditis. AAH53971 to
CC   AAH55090 represent specifically claimed S. epidermidis genomic DNA
CC   polynucleotide sequences from the present invention. AAH55091 to AAH55098
CC   represent oligonucleotide sequences and primers which are used in the
CC   exemplification of the present invention. N.B. The present invention
CC   specifically claims all the polynucleotide sequences given in the
CC   sequence listing of the present specification, however the sequence
CC   listing only goes up to SEQ ID NO:4454 so even though sequences are given

CC   in the disclosure for SEQ ID NO:4465 to 4472, no sequences are present
CC   for SEQ ID NO:4455 to 4464
XX
SQ   Sequence 345 BP; 99 A; 76 C; 95 G; 75 T; 0 U; 0 Other;

  Query Match   100.0%; Score 20; DB 4; Length 345;
  Best Local Similarity 100.0%; Pred. No. 0.12;
  Matches   20; Conservative   0; Mismatches   0; Indels   0; Gaps   0;

Qy   1 TCACCCCAATCATTTGTCCC 20
              ||||||||||||||||||||
Db   329 TCACCCCAATCATTTGTCCC 310